

**Title of Acquisition:** Design, Development, Demonstration and Integration (D3I)

**Incumbent:** N/A – New Acquisition

**Name of Requiring Activity:** U.S. Army Space and Missile Defense Command /Army Forces Strategic Command (USASMDC/ARSTRAT)

**Description of Effort:** The D<sup>3</sup>I program will be utilized to conduct research for the development of hardware components and software solutions for space, high altitude, missile defense, Information Integration and Data Exploitation, and Enhanced Warfighter Capabilities. Material and hardware products will be deliverable end items. The resulting program requirements will include component testing, and integration of prototypes into systems and subsystems, which can be tested in a laboratory or relevant environment. Limited testing will be conducted in an operational environment for transition/integration into an operational system. The program also includes, but is not limited to, providing anticipated solutions to include design, development, demonstration, and integration of future capability gap architectures, technologies, test and evaluation, integration and operations requirements. The efforts defined follow an evolutionary development of systems architecture focused on a “Concept to Combat” philosophy. The D<sup>3</sup>I program will be used to implement programs including, but not limited to, Advanced Concept Technology Demonstrations (ACTDs), Advanced Technology Demonstrations (ATDs), and the Missile Defense Central Test and Evaluation Investment Program (CTEIP). The contract will support organizations to include but not limited to USASMDC/ARSTRAT, USSTRATCOM, other Combatant Commanders, Office of the Secretary of Defense (OSD), Joint Improvised Explosive Device Defeat Organization (JIEDDO), Department of the Army (DA), PEO Missiles and Space, Missile Defense Agency (MDA), U.S. Air Force (USAF), Navy, Marine Corps, Department of Energy (DOE), National Aeronautics and Space Administration (NASA), allies, and other Government agencies in the mission areas of Strategic Deterrence, Global Strike, Intelligence, Surveillance, and Reconnaissance (ISR), Combating Weapons of Mass Destruction (WMD), Cyberspace, Homeland Defense and Information Operations and other requirements related to space, high altitude, missile defense, ground systems, information integration and data exploitation, and enhanced Warfighter capabilities. The resulting program will provide the Command and its customers with the ability to procure a broad range of missile defense, space and other applicable Warfighter solutions in support of developmental and operational requirements.

**Anticipated Acquisition Strategy:** The D3I Acquisition will be delineated into three separate “domains”. Domain 1 is titled “Space, High Altitude, and Missile Defense/Ground Systems” and will be procured as a full and open acquisition. Domain 2 is titled “Information Integration and Data Exploitation” and will be procured as a small business set aside. Domain 3 is titled Enhanced Warfighter Capabilities and will be procured as a small business set aside (See Individual Performance Work Statements for a detailed description of technical support areas for each domain). Each domain will consist of multiple award indefinite delivery/indefinite quantity contracts. The following number of awards is anticipated for each domain as follows: Domain 1 – 4 Awards; Domain 2 – 3 Awards; Domain 3 – 3 Awards.

**North American Industry Classification System (NAICS) Code:** 541712 – with a small business size standard of 1,000 employees.

**Estimated Period of Performance:** 1<sup>st</sup> Qtr FY12 – 1<sup>st</sup> Qtr FY19 (Five Year Base Period with one, two year option period.

**Total Estimated Value of the Proposed Action:** \$3B - \$5B

Domain 1: \$2.75B

Domain 2: \$530M

Domain 3: \$1.15B

**Estimate Release Date of the Draft Request for Proposal (DRFP):** 2<sup>nd</sup> Qtr FY11

**Contracting Office POC:** Melissa Mitchell, 256-955-4162, melissa.mitchell@smdc.army.mil

Note: Acquisition Strategy is subject to change based on Department of Army and Office of Secretary of Defense reviews.